

IL-17D, Human recombinant protein

IL-27

Catalog # PBV10742r

Specification

IL-17D, Human recombinant protein - Product info

Primary Accession

[Q8TAD2](#)

Calculated MW

40.5 kDa KDa

IL-17D, Human recombinant protein - Additional Info

Gene ID

53342

Gene Symbol

IL17D

Other Names

IL-27

Gene Source

Human

Source

E.coli

Assay&Purity

SDS-PAGE; ≥98%

Assay2&Purity2

HPLC;

Recombinant

Yes

Sequence

APRAGRPAR PRGCADRPEE LLEQLYGRLA
AGVLSAFHHT LQLGPREQAR NASCPAGGRP
ADRRFRPPTN LRSVSPWAYR ISYDPARYPR
YLPEAYCLCR GCLTGLFGEE DVRFRSAPVY
MPTVVLRRTP ACAGGRSVYT EAYVTIPVGC
TCVPEPEKDA DSINSSIDKQ GAKLLLGPND
APAGP**Target/Specificity**

IL-17D

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 1x PBS, pH 7.5.

IL-17D, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-17D, Human recombinant protein - Images

IL-17D, Human recombinant protein - Background

IL-17D is a disulfide-linked homodimer of two 185 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17D has the ability to stimulate the production of IL-6, IL-8, and GM-CSF and inhibits hemopoiesis of myeloid progenitor cells in colony forming assays. Recombinant human IL-17D is a 40.5 kDa disulfide-linked homodimer of two 185 amino acid polypeptide chains.

IL-17D, Human recombinant protein - References

Hadj-Slimane R., et al. Submitted (FEB-2002) to the EMBL/GenBank/DDBJ databases.
Starnes T., et al. J. Acquir. Immune Defic. Syndr. Hum. Retrovirol. 169:642-646(2002).
Gilbert J.M., et al. Submitted (DEC-2001) to the EMBL/GenBank/DDBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Dunham A., et al. Nature 428:522-528(2004).